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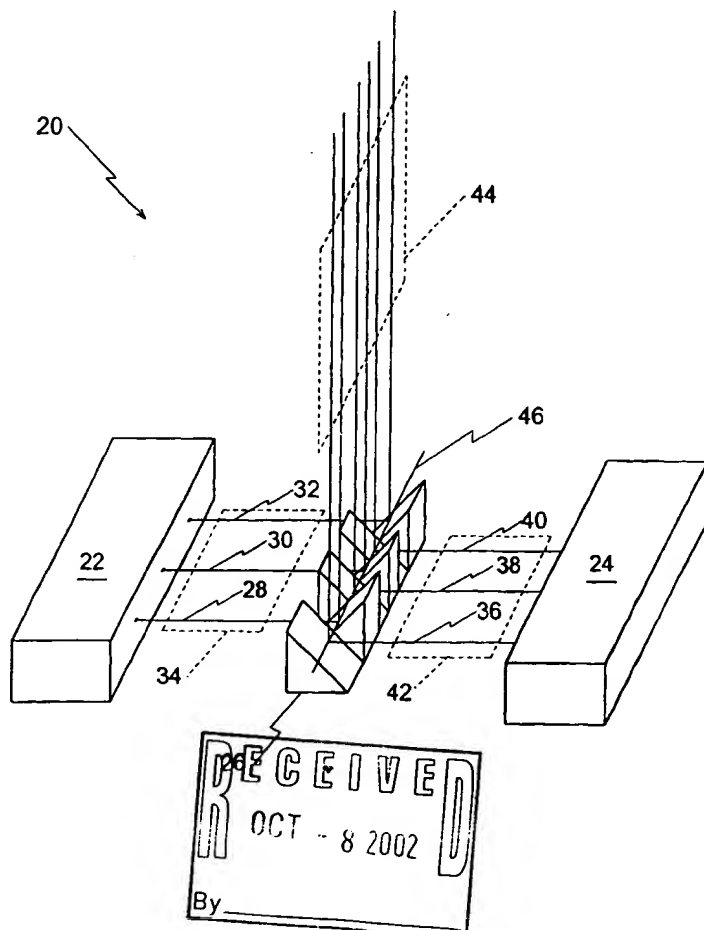
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR COMBINING LIGHT OUTPUT FROM MULTIPLE LASER DIODE BARS



(57) Abstract: A method and apparatus for combining light output from multiple laser diode bars is disclosed. The apparatus includes two laser diode bars (22,24) and a mirror arrangement (26) placed between the laser diode bars. The mirror arrangement reflects the light output from the laser diode bars into a preferred plane (44) and a preferred direction. The mirror arrangement is preferably comprised of metal mirrors. Alternative mirror assemblies disclosed are based on prisms. An alternative mirror disclosed includes a cylindrically concave surface (106) for collimating or focusing an individual laser beam.

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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information on patent family members

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